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Customer Number 22852

PATENT  
Attorney Docket No. 9146.0001  
(Former Attorney Docket No. M-11923 US)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: )  
)  
Sreen RAGHAVAN ) Group Art Unit: 2681  
)  
Application No.: 09/904,432 ) Examiner: To Be Assigned  
)  
Filed: July 11, 2001 )  
)  
For: HIGH-SPEED COMMUNICATIONS )  
TRANSCEIVER )  
)

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Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97(b)**

Pursuant to 37 C.F.R. §§ 1.56 and 1.97(b), Applicant brings to the attention of the Examiner the documents listed on the attached PTO 1449. This Information Disclosure Statement is being filed, to the undersigned's knowledge, before the mailing date of a first Office Action on the merits for the above-referenced application.

Each document listed on the attached PTO 1449 was cited in a communication in a counterpart Patent Cooperation Treaty application (copy of PCT International Search Report communication enclosed), and this Information Disclosure Statement is being filed within three months of the mailing date printed on that communication.

Copies of the listed documents, including any copending patent applications, are attached. Applicant respectfully requests that the Examiner consider the listed documents and indicate that they were considered by making appropriate notations on the attached form.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed documents are material or constitute "prior art." If the Examiner applies any of the documents as prior art against any claim in the application and Applicant determines that the cited documents do not constitute "prior art" under United States law, Applicant reserves the right to present to the office the relevant facts and law regarding the appropriate status of such documents.

Applicant further reserves the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

If there is any fee due in connection with the filing of this Statement, please charge the fee to our Deposit Account No. 06-0916.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,  
GARRETT & DUNNER, L.L.P.

Dated: May 12, 2003

By: 

Gary J. Edwards

Reg. No. 41,008

## INFORMATION DISCLOSURE CITATION

Atty. Docket No.	9146.0001	Appln. No.	09/904,432
Applicant	Sreen RAGHAVAN		
Filing Date	July 11, 2001	Group:	2681

## U.S. PATENT DOCUMENTS

Examiner Initial*	Document Number	Issue Date	Name	Class	Sub Class	Filing Date If Appropriate
	5,796,783	Aug 18, 1998	Crawford			
	5,999,575	Dec 7, 1999	Tanaka et al.			
	6,246,664 B1	Jun 12, 2001	Böhm			

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## FOREIGN PATENT DOCUMENTS

Document Number	Publication Date	Country	Class	Sub Class	Translation Yes or No
WO 99/45683	Sep 10, 1999	PCT			
EP 0 554 056 A2	Aug 4, 1993	EPO			

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)


Examiner	Date Considered
*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	
Form PTO 1449	Patent and Trademark Office - U.S. Department of Commerce